

## EXHIBIT B

Proposed Count II	Applicants' Claim 29	Applicants' Claim 49	Bossard Claim 14
A method for selectively separating hydrogen gas from a hydrogen gas-containing gaseous stream, comprising the step of:	A method for selectively separating hydrogen gas from a hydrogen gas-containing gaseous stream, comprising the step of:	(Independent Claim 47) A method of purifying hydrogen gas, comprising the steps of:	(Bossard Independent Claim 12) A method of purifying hydrogen gas, comprising the steps of:
directing the hydrogen gas-containing gaseous stream to a composite gas separation module,	directing the hydrogen gas-containing gaseous stream to a composite gas separation module,	(Independent Claim 47)* exposing said hydrogen permeable structure to a gas containing hydrogen gas; and	(Bossard Independent Claim 12)* exposing said hydrogen permeable structure to a gas containing hydrogen gas; and

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<p>wherein the composite gas separation module includes: a) a porous metal substrate; b) an intermediate porous metal layer which includes a hydrogen permeable material, wherein the intermediate porous metal layer overlies the porous metal substrate; and c) a dense hydrogen-selective membrane wherein the dense hydrogen-selective membrane overlies the intermediate porous metal layer;</p>	<p>wherein the composite gas separation module includes: a) a porous metal substrate; b) an intermediate porous metal layer, wherein the intermediate porous metal layer overlies the porous metal substrate; and c) a dense hydrogen-selective membrane wherein the dense hydrogen-selective membrane overlies the intermediate porous metal layer;</p>	<p>(Independent Claim 47) providing a hydrogen permeable structure having a porous layer of hydrogen permeable material covered by a solid layer of hydrogen permeable material;</p> <p>(Dependent Claim 49) The method according to Claim 47 further including the step of supporting said hydrogen permeable structure with a porous base layer of material.</p>	<p>(Bossard Independent Claim 12) providing a hydrogen permeable structure having a porous layer of hydrogen permeable material covered by a solid layer of hydrogen permeable material;</p> <p>(Bossard Dependent Claim 14) The method according to claim 12 further including the step of supporting said hydrogen permeable structure with a porous base layer of material.</p>
<p>whereby hydrogen gas is at least partially partitioned from the gaseous stream by passing through the dense hydrogen-selective membrane.</p>	<p>whereby hydrogen gas is at least partially partitioned from the gaseous stream by passing through the dense hydrogen-selective membrane.</p>	<p>(Independent Claim 47) causing a pressure differential across the hydrogen permeable structure, wherein said hydrogen gas permeates through said hydrogen permeable structure and is collected.</p>	<p>(Bossard Independent Claim 12) causing a pressure differential across the hydrogen permeable structure, wherein said hydrogen gas permeates through said hydrogen permeable structure and is collected.</p>

\* Please note this claim element appears in this table out of order as compared to the filed claim.